

File 340:CLAIMS(R)/US Patent 1950-04/Feb 24
(c) 2004 IFI/CLAIMS(R)
File 348:EUROPEAN PATENTS 1978-2004/Feb W03
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040219,UT=20040212
(c) 2004 WIPO/Univentio
File 351:Derwent WPI 1963-2004/UD,UM &UP=200413
(c) 2004 Thomson Derwent
File 353:Ei EnCompassPat(TM) 1964-200406
(c) 2004 Elsevier Eng. Info. Inc.
File 652:US Patents Fulltext 1971-1975
(c) format only 2002 The Dialog Corp.
File 654:US Pat.Full. 1976-2004/Feb 19
(c) Format only 2004 The Dialog Corp.
File 6:NTIS 1964-2004/Feb W4
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File 8:Ei Compendex(R) 1970-2004/Feb W3
(c) 2004 Elsevier Eng. Info. Inc.
File 58:GeoArchive 1974-2004/Aug
(c) 2004 Geosystems
File 65:Inside Conferences 1993-2004/Feb W4
(c) 2004 BLDSC all rts. reserv.
File 87:TULSA (Petroleum Abs) 1965-2004/Feb W5
(c)2004 The University of Tulsa
File 89:GeoRef 1785-2004/Feb B2
(c) 2004 American Geological Institute
File 94:JICST-EPlus 1985-2004/Feb W3
(c)2004 Japan Science and Tech Corp(JST)
File 96:FLUIDEX 1972-2004/Jan
(c) 2004 Elsevier Science Ltd.
File 103:Energy SciTec 1974-2004/Feb B2
(c) 2004 Contains copyrighted material
File 105:AESIS 1851-2001/Jul
(c) 2001 Australian Mineral Foundation Inc
File 144:Pascal 1973-2004/Feb W3
(c) 2004 INIST/CNRS
File 292:GEOBASE(TM) 1980-2004/Jan
(c) 2004 Elsevier Science Ltd.
File 354:Ei EnCompassLit(TM) 1965-2004/Feb W3
(c) 2004 Elsevier Eng. Info. Inc.
File 399:CA SEARCH(R) 1967-2004/UD=14009
(c) 2004 American Chemical Society
File 624:McGraw-Hill Publications 1985-2004/Feb 24
(c) 2004 McGraw-Hill Co. Inc

?ds

Set	Items	Description
S1	12775	(GAS OR GASOLINE OR FUEL OR PETROLEUM OR PETROL)() (DISPENS? OR FILL? ? OR FILLING? OR DISTRIBUT?) (5N) (SENSOR OR SENSORS - OR SENSING OR DETECTOR? OR SIGNAL? ?) OR FILLING()STATION? ?
S2	141	(ROBOTIC? OR AUTOMATE? OR UNATTENDED) (5N) (FUEL OR PETROLEUM OR PETROL)() (DISPENS? OR FILL? ? OR FILLING? OR DISTRIBUT?)
S3	178727	(DETECT? OR IDENTIF?) (5N) (AUTO? ? OR AUTOMOBILE? OR AUTOMO- TIVE? OR VEHICLE? OR TRUCK? ? OR MOTOR?()VEHICLE? OR LORRY OR LORRIES OR CAR? ? OR FLEET? OR (AUTO OR MOTOR)()CAR? ? OR AUT- OCAR? OR MOTORCAR? OR VAN? ?)
S4	8759865	(REMOTE OR DISTANT? OR SEPARATE? OR LOCATION? OR APART OR - FAR()OFF OR FAR()AWAY OR OFF()SITE? OR OFFSITE? OR REMOVED)
S5	11970	S4(5N) (RECEIPT? OR PRINT()OUT? ? OR ACCOUNTING?)
S6	12885	S1 OR S2
S7	23	S6(8N)S3
S8	0	S7(8N)S5
S9	23	RD S7 (unique items)
S10	3	S6(8N)S5
S11	3	RD (unique items)

S12	761	S6(5N) (REMOTE OR DISTANT? OR SEPARATE? OR LOCATION? OR APART OR FAR()OFF OR FAR()AWAY OR OFF()SITE? OR OFFSITE? OR REMOVED)
S13	3	S12(8N) (RECEIPT? OR PRINT()OUT? ? OR ACCOUNTING?)
S14	0	S13 NOT S11
S15	27	S6(8N) (RECEIPT? OR PRINT()OUT? ? OR ACCOUNTING?)
S16	23	S15 NOT (S9 OR S11)
S17	23	RD (unique items)
?		

9/3,K/1 (Item 1 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
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1252023 2014217

M/CREDIT CARD AUTOMATED SYSTEM FOR VEHICLE SERVICE STATIONS

Inventors: MOORE ROBERT A (US); ROACH THOMAS L (US); SEGAL JACK S (US);
WOSTL WOLFGANG J (US)

Assignee: ATLANTIC RICHFIELD CO

Assignee Code: 06096 (REASSIGNED - See file 123 for details)

	Kind	Publication Number	Date	Application Number	Date
	A	US 4199100	19800422	US 78913917	19780608
		(Cited in 033 later patents)			
Priority Applic:				US 78913917	19780608

Calculated Expiration: 19980608

Exemplary Claim: ...dispersement of fuel, each said fuel dispensing means including means for generating first coded data **signals** representative of the value of **fuel dispensed**; credit **card** reader means operable for **identifying** indicia carried by a credit **card** and for generating second coded data signals indicative of said indicia; attendant-operable keyboard means...

Non-exemplary Claims: ...by a customer, each said fuel dispensing means including means for generating first coded data **signals** representative of the quantity of **fuel dispensed**; credit **card** reader operable for **identifying** indicia carried by a credit **card** and for generating second coded data signals indicative of said indicia; attendant-operable keyboard means...

9/3,K/2 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01131913

Device for the presentation of information on a display in a dispensing nozzle of a fuel delivery location

Einrichtung zur Präsentation einer Information auf einer Anzeigeeinheit einer Zapfpistole einer Tankstelle

Dispositif de presentation d'informations sur un afficheur situe sur un pistolet distributeur de carburant

PATENT ASSIGNEE:

Gossler Fluidtec GmbH, (2430150), Borsigstrasse 4 - 6, 21465 Reinbek, (DE), (Applicant designated States: all)

INVENTOR:

Morgenstern, Erich, Kielmannseggstrasse 162, 22043 Hamburg, (DE)

LEGAL REPRESENTATIVE:

Hansmann, Dierk, Dipl.-Ing. et al (4942), Patentanwälte

Hansmann-Klickow-Hansmann Jessenstrasse 4, 22767 Hamburg, (DE)

PATENT (CC, No, Kind, Date): EP 989092 A1 000329 (Basic)

APPLICATION (CC, No, Date): EP 99118125 990911;

PRIORITY (CC, No, Date): DE 19843805 980924

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI

INTERNATIONAL PATENT CLASS: B67D-005/37; G09F-023/02

TRANSLATED ABSTRACT WORD COUNT: 90

ABSTRACT WORD COUNT: 78

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	200013	257
SPEC A	(German)	200013	1455
Total word count - document A			1712
Total word count - document B			0
Total word count - documents A + B			1712

...ABSTRACT display is controlled selectively by a central control device (3). A sensor (9) at the **filling station detects** the type of **vehicle** to refueled, causing the central control unit to transfer appropriate information. Energy savings are made...

9/3,K/3 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00954599

TESTING DEVICE AND METHOD OF USE

TESTVORRICHTUNG UND VERFAHREN ZU DEREN GEBRAUCH

APPAREIL TESTEUR ET PROCEDE D'UTILISATION

PATENT ASSIGNEE:

BP OIL INTERNATIONAL LIMITED, (952881), Britannic House 1 Finsbury Circus, London EC2M 7BA, (GB), (Proprietor designated states: all)

INVENTOR:

CLARK, Alisdair Quentin, 18 Britten Close, Ash, Aldershot, Hants GU12 6LS, (GB)

READ, Harry, 8 Clarewood Road, Camberley, Surrey GU15 3TE, (GB)

LEGAL REPRESENTATIVE:

Hymers, Ronald Robson et al (53271), BP INTERNATIONAL LIMITED Patents Division Chertsey Road, Sunbury-on-Thames Middlesex, TW16 7LN, (GB)

PATENT (CC, No, Kind, Date): EP 935750 A1 990818 (Basic)

EP 935750 B1 020424

WO 9820342 980514

APPLICATION (CC, No, Date): EP 97909510 971028; WO 97GB2951 971028

PRIORITY (CC, No, Date): GB 9622840 961101; GB 9704654 970306; GB 9714270 970708

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; NL; PT; SE

INTERNATIONAL PATENT CLASS: G01N-033/28; B67D-005/06; B60S-005/02

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200217	1439
CLAIMS B	(German)	200217	1452
CLAIMS B	(French)	200217	1657
SPEC B	(English)	200217	13034
Total word count - document A			0
Total word count - document B			17582
Total word count - documents A + B			17582

...SPECIFICATION fuel nozzle removed from a holder e.g. in a fuel "pump" stand in a **filling station** and inserted into a fuel tank of a **vehicle**. The nozzle can carry the **detector** into the second zone. The detector can also be mounted in or especially on an...

9/3,K/4 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00294313

Liquid supply apparatus.

Flussigkeitsversorgungsapparat.

Appareil pour alimentation en liquide.

PATENT ASSIGNEE:

JUNKOSHA CO. LTD., (425100), 25-25, Miyasaka 2-chome, Setagaya-ku Tokyo
156, (JP), (applicant designated states: AT;CH;DE;FR;IT;LI;NL;SE)

INVENTOR:

Akiba, Jyuji, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku
Tokyo, (JP)

Sugibuchi, Hiroyuki, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome,
Setagaya-ku Tokyo, (JP)

Kojima, Kazuyuki, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku
Tokyo, (JP)

Satoh, Hiroshi, Junkosha Co.,Ltd. 25-25, Miyasaka 2-chome, Setagaya-ku
Tokyo, (JP)

LEGAL REPRESENTATIVE:

Kehl, Gunther, Dipl.-Phys. et al (48351), Patentanwalte Hagemann & Kehl
Ismaninger Strasse 108 Postfach 86 03 29, W-8000 Munchen 86, (DE)

PATENT (CC, No, Kind, Date): EP 298464 A2 890111 (Basic)

EP 298464 A3 890322

EP 298464 B1 930120

APPLICATION (CC, No, Date): EP 88110811 880706;

PRIORITY (CC, No, Date): JP 87171808 870709

DESIGNATED STATES: AT; CH; DE; FR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: B67D-005/32;

ABSTRACT WORD COUNT: 81

LANGUAGE (Publication,Procedural,Application): English;English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	198
CLAIMS B	(German)	EPBBF1	362
CLAIMS B	(French)	EPBBF1	484
SPEC B	(English)	EPBBF1	2017
Total word count - document A			0
Total word count - document B			3061
Total word count - documents A + B			3061

...SPECIFICATION preventing the accidentally adding of automotive diesel
fuel to the fuel tank of a gasoline **fuel vehicle** at retail **filling**
stations the vapour pressure in the tank to be filled is measured by
means of a...

9/3,K/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01004315 **Image available**

METHOD OF TYING A PRODUCT AND/OR A SERVICE TO A PERSON

PROCEDE PERMETTANT DE LIER UN PRODUIT OU UN SERVICE A UNE PERSONNE

Patent Applicant/Assignee:

PRODUKT POOLEN I STOCKHOLM AB, Stockholmsvagen 166, S-187 32 TABY, SE, SE
(Residence), SE (Nationality), (For all designated states except: US)

JOHANSSON Goran, Safirstigen 41, S-196 33 KUNGSANGEN, SE, SE (Residence),
SE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

OEST Douglas, Stockholmsvagen 166, S-187 32 TABY, SE, SE (Residence), SE
(Nationality), (Designated only for: US)

Legal Representative:

ALBIHNS STOCKHOLM AB (et al) (agent), P.O. Box 5581, S-114 85 STOCKHOLM,
SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200334307 A1 20030424 (WO 0334307)

Application: WO 2002SE1893 20021017 (PCT/WO SE0201893)

Priority Application: SE 20013491 20011019; US 2001330115 20011019
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: Swedish
Fulltext Word Count: 5212

Fulltext Availability:
Detailed Description

Detailed Description

... to the second embodiment can also be applied to a service station,
such as a **filling station**, where the product in question is
automobile fuel and where said **identification** data is used to identify
at the cash register which pump the person has used...

9/3,K/6 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00770739 **Image available**

WIRELESS VEHICLE FUEL STATION VEHICLE FUEL IDENTIFIER AND CONTROLLER
INDICATEUR ET UNITE DE COMMANDE HERTZIENS POUR VEHICULE ET STATION DE
DISTRIBUTION DE CARBURANT

Patent Applicant/Assignee:

IDMICRO INC, 1019 Pacific Avenue, 13th floor, Tacoma, WA 98402, US, US
(Residence), US (Nationality)

Inventor(s):

STEWART Gregory M, 301 Henly Court, Steilacoom, WA 98402, US

Legal Representative:

KINDNESS Gary S, Christensen O'Connor Johnson & Kindness PLLC, 2800
Suite, 1420 Fifth Avenue, Seattle, WA 98101-2347, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200103983 A1 20010118 (WO 0103983)

Application: WO 2000US18697 20000707 (PCT/WO US0018697)

Priority Application: US 99143000 19990708

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GWML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3101

Fulltext Availability:
Detailed Description

Detailed Description

... other entities that maintain a large fleet of vehicles require
operators to obtain fuel at **unattended fuel - dispensing** stations.
Usually the **vehicle** operator has some form of **identification**, such as
an access **card**, that, when read by a reader, enables a **fuel**
dispenser located at an **unattended fuel - dispensing** station to
dispense fuel. Unfortunately, in the past, there has been no accurate way

of...

9/3,K/7 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

014297141 **Image available**
WPI Acc No: 2002-117844/200216
XRPX Acc No: N02-088129

Oil discharge system from tanker, prohibits discharge of oil when customer data and vehicle number at a filling station does not match with corresponding data stored in management computer

Patent Assignee: TOKICO LTD (TOJC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001301897	A	20011031	JP 2000126428	A	20000426	200216 B

Priority Applications (No Type Date): JP 2000126428 A 20000426

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001301897 A 15 B67D-005/14

Abstract (Basic):

... and vehicle number data read from vehicle number card match with respective customer data for **identifying filling station** and **vehicle** number data stored in management computer (46) during booking for oil delivery. A discharge prohibition...

9/3,K/8 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

013603164 **Image available**
WPI Acc No: 2001-087371/200110
XRPX Acc No: N01-067298

Warning apparatus for petrol fill -up stations, has proximity sensor which detects occurrence of vehicles on stop frame and self servicing of fuel filling is completed

Patent Assignee: TOKICO LTD (TOJC); TOKIKO YUKI KK (TOKI-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000335694	A	20001205	JP 99150632	A	19990528	200110 B

Priority Applications (No Type Date): JP 99150632 A 19990528

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000335694 A 6 B67D-005/06

Warning apparatus for petrol fill -up stations, has proximity sensor which detects occurrence of vehicles on stop frame and self servicing of fuel filling is completed

9/3,K/9 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

013376154 **Image available**
WPI Acc No: 2000-548092/200050
Related WPI Acc No: 2000-236678
XRPX Acc No: N00-405448

Communication system for fuel management system for private filling stations belonging to private fleet operators, various public departments, checks identify of vehicle and presence of nozzle in fuel inlet port for filling

Patent Assignee: MICRON TECHNOLOGY INC (MICR-N)

Inventor: BATES B G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6085805	A	20000711	US 98105076	A	19980625	200050 B
			US 99443174	A	19991119	

Priority Applications (No Type Date): US 98105076 A 19980625; US 99443174 A 19991119

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6085805	A	11	B65B-001/04		Cont of application US 98105076 Cont of patent US 6024142

Communication system for fuel management system for private filling stations belonging to private fleet operators, various public departments, checks identify of vehicle and presence of nozzle in fuel inlet port for filling

9/3,K/10 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

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013086913 **Image available**

WPI Acc No: 2000-258785/200023

XRPX Acc No: N00-192509

Equipment for presenting information on a display unit on a fuel dispenser at a filling station transmits information electronically from a control device to a display unit integrated into a fuel dispenser nozzle filling device

Patent Assignee: GOSSLER FLUIDTEC GMBH (GSSL)

Inventor: MORGENSTERN E

Number of Countries: 024 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 989092	A1	20000329	EP 99118125	A	19990911	200023 B
DE 19843805	A1	20000330	DE 1043805	A	19980924	200023

Priority Applications (No Type Date): DE 1043805 A 19980924

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 989092	A1	G	7	B67D-005/37	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC NL PT RO SE SI

DE 19843805	A1			G09G-003/00	
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Abstract (Basic):

... display is controlled selectively by a central control device
(3). A sensor (9) at the filling station detects the type of vehicle to refueled, causing the central control unit to transfer appropriate information. Energy savings are made...

9/3,K/11 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

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012661387 **Image available**

WPI Acc No: 1999-467492/199939

Identification system for a pay card , e.g. at a petrol filling station , - detects violation of the services pay box with a top card slit NoAbstract

Patent Assignee: BARATA J (BARA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
PT 102117	A	19990831	PT 102117	A	19980219	199939 B

Priority Applications (No Type Date): PT 102117 A 19980219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
PT 102117	A	1	A45C-001/12		

Identification system for a pay card , e.g. at a petrol filling station , -

9/3,K/12 (Item 6 from file: 351)

DIALOG(R)File 351:Derwent WPI

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012301088 **Image available**

WPI Acc No: 1999-107194/199910

XRPX Acc No: N99-077435

Automatic filling method for loose material transport vehicles - involves detecting position of vehicle load space at filling station for controlling movement of loading device

Patent Assignee: SIEMENS AG (SIEI)

Inventor: POHLSCHEID M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19731929	A1	19990128	DE 1031929	A	19970724	199910 B

Priority Applications (No Type Date): DE 1031929 A 19970724

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19731929	A1	6	B65G-067/04		

... involves detecting position of vehicle load space at filling station for controlling movement of loading device

...Abstract (Basic): automatic filling method involves delivering the loose material to the transport vehicle (9) at a filling station , with the position of the vehicle load space detected for controlling a movable loading device (6-8) displaced between a supply location for the...

...ADVANTAGE - Accurate loading of transport vehicle by detecting position of load space relative to filling station .

9/3,K/13 (Item 7 from file: 351)

DIALOG(R)File 351:Derwent WPI

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011670273 **Image available**

WPI Acc No: 1998-087182/199808

XRPX Acc No: N98-069193

Monitoring system for delivery of fuel to road vehicles - has sensors determining which fuel dispensing nozzle is used, and reads information from vehicle for identification , and nozzles are coupled to processing unit which is connected to pump controller

Patent Assignee: ORDICAM RECH & DEV (ORDI-N); ORDICAM RECH & DEV SA

(ORDI-N)

Inventor: LEGOUX J; MICHOT G

Number of Countries: 023 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9800817	A1	19980108	WO 97FR1101	A	19970619	199808	B
FR 2750521	A1	19980102	FR 968201	A	19960628	199809	
EP 907938	A1	19990414	EP 97930554	A	19970619	199919	
			WO 97FR1101	A	19970619		
EP 907938	B1	20010822	EP 97930554	A	19970619	200149	
			WO 97FR1101	A	19970619		
DE 69706304	E	20010927	DE 606304	A	19970619	200164	
			EP 97930554	A	19970619		
			WO 97FR1101	A	19970619		
US 6598792	B1	20030729	WO 97FR1101	A	19970619	200354	
			US 2000529229	A	20000817		

Priority Applications (No Type Date): FR 968201 A 19960628

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9800817	A1	F	22	G07F-013/02	
				Designated States (National):	BR CA JP RU US
				Designated States (Regional):	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
FR 2750521	A1			G07F-007/10	
EP 907938	A1	F		G07F-013/02	Based on patent WO 9800817
				Designated States (Regional):	BE CH DE GB IT LI
EP 907938	B1	F		G07F-013/02	Based on patent WO 9800817
				Designated States (Regional):	BE CH DE GB IT LI
DE 69706304	E			G07F-013/02	Based on patent EP 907938
					Based on patent WO 9800817
US 6598792	B1			G06F-017/60	Based on patent WO 9800817

... has sensors determining which fuel dispensing nozzle is used, and reads information from vehicle for identification, and nozzles are coupled to processing unit which is connected to pump controller.

9/3,K/14 (Item 8 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2004 Thomson Derwent. All rts. reserv.

011601258 **Image available**

WPI Acc No: 1998-018386/199802

XRPX Acc No: N98-014014

Fuel vapour detection and recovery system for vehicle filling station pump - uses fuel delivery hose with vapour passage that contains sensor connected to CPU which generates control signal to vapour recovery pump

Patent Assignee: MARCONI COMMERCE SYSTEMS INC (MAON); GILBARCO INC

(GILB-N); GILBARCO LTD (GILB-N)

Inventor: HARTSELL H C; MILLER P D; PAYNE E A; TUCKER M B

Number of Countries: 020 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9744274	A1	19971127	WO 97GB1374	A	19970519	199802	B
US 5782275	A	19980721	US 96649455	A	19960517	199836	
EP 958235	A1	19991124	EP 97923206	A	19970519	199954	
			WO 97GB1374	A	19970519		
US 5992395	A	19991130	US 96649455	A	19960517	200003	
			US 9822296	A	19980211		
EP 958235	B1	20030205	EP 97923206	A	19970519	200318	
			WO 97GB1374	A	19970519		
DE 69718938	E	20030313	DE 618938	A	19970519	200326	
			EP 97923206	A	19970519		

Priority Applications (No Type Date): US 96649455 A 19960517; US 9822296 A 19980211

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9744274	A1	E	30	B67D-005/04	
Designated States (National): CA MX					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
US 5782275	A			B65B-001/30	
EP 958235	A1	E		B67D-005/04	Based on patent WO 9744274
Designated States (Regional): DE FR GB IT					
US 5992395	A			F02M-037/04	Div ex application US 96649455
Div ex patent US 5782275					
EP 958235	B1	E		B67D-005/04	Based on patent WO 9744274
Designated States (Regional): DE FR GB IT					
DE 69718938	E			B67D-005/04	Based on patent EP 958235
Based on patent WO 9744274					

Fuel vapour detection and recovery system for vehicle filling station pump...

9/3,K/15 (Item 9 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2004 Thomson Derwent. All rts. reserv.

003102340

WPI Acc No: 1981-L2389D/198144

Guidance system for vehicle queue at petrol filling station - has sensors to detect vehicle position and display to indicate pump availability

Patent Assignee: REMSCHEIDT K H (REMS-I)

Inventor: REMSCHEIDT K H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3013080	A	19811022				198144 B

Priority Applications (No Type Date): DE 3013080 A 19800403

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3013080	A		3		

...Abstract (Basic): The system has a number of sensors to **detect** the location of **vehicles** in the **filling station** area. Other detect the condition and availability of filling pumps. A display is provided to...

9/3,K/16 (Item 10 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2004 Thomson Derwent. All rts. reserv.

001292485

WPI Acc No: 1975-H6398W/197530

Automated dispensing appts. for motor fuel - for operation with credit. cards activates dispensing mechanism if card data are satisfactory

Patent Assignee: ATLANTIC RICHFIELD CO (ATLF)

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1400654	A	19750723				197530 B
CA 997841	A	19760928				197642

Priority Applications (No Type Date): US 72256748 A 19720525

...Abstract (Basic): The appts. includes a receiver for examining the card and identifying data on the card, and producing appropriate signals, a petrol dispensing mechanism, and a data bank. The card receiver returns the card to the customer after...

9/3,K/17 (Item 1 from file: 353)

DIALOG(R)File 353:EnCompassPat(TM)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

0315824 EnCompassPat Document No.: 200018920 Derwent WPI Accession No.: 00-548092

Communication system for fuel management system for private filling stations belonging to private fleet operators, various public departments, checks identify of vehicle and presence of nozzle in fuel inlet port for filling

Patent Assignee: MICRON TECHNOLOGY INC

Priority (CC,No,Date): US 443174 991119; US 105076 980625

Patent (CC,No,Date): US 6085805 000711

Communication system for fuel management system for private filling stations belonging to private fleet operators, various public departments, checks identify of vehicle and presence of nozzle in fuel inlet port for filling

9/3,K/18 (Item 2 from file: 353)

DIALOG(R)File 353:EnCompassPat(TM)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

0306313 EnCompassPat Document No.: 200008955 Derwent WPI Accession No.: 00-258785

Equipment for presenting information on a display unit on a fuel dispenser at a filling station transmits information electronically from a control device to a display unit integrated into a fuel dispenser nozzle filling device

Patent Assignee: GOSSLER FLUIDTEC GMBH

Priority (CC,No,Date): DE 1043805 980924

Patent (CC,No,Date): EP 989092 000329

Abstract:

... A sensor (9) at the filling station detects the type of vehicle to refueled, causing the central control unit to transfer appropriate information...

9/3,K/19 (Item 3 from file: 353)

DIALOG(R)File 353:EnCompassPat(TM)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

0294131 EnCompassPat Document No.: 9941569 Derwent WPI Accession No.: 98-018386

Fuel vapour detection and recovery system for vehicle filling station pump - uses fuel delivery hose with vapour passage that contains sensor connected to CPU which generates control signal to vapour recovery pump

Patent Assignee: GILBARCO INC GILCARCO LTD

Priority (CC,No,Date): US 649455 960517

Patent (CC,No,Date): WO 9744274 971127

Fuel vapour detection and recovery system for vehicle filling station pump...

9/3,K/20 (Item 1 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00668479

Utility
DEVICE FOR CONTROLLING A SELF-SERVICE DISPENSER USING IDENTIFICATION DATA
CARRIERS

PATENT NO.: 3,779,357
ISSUED: December 18, 1973 (19731218)
INVENTOR(s): Haller, Willi, Aldingen, DE (Germany)
Lebhere, Richard, Aldingen, DE (Germany)
Kratt, Kurt, Aldingen, DE (Germany)
ASSIGNEE(s): Firma J Hengatter KG, (A Non-U.S. Company or Corporation),
Aldingen, DE (Germany)
APPL. NO.: 5-166,509
FILED: July 27, 1971 (19710727)
PRIORITY: P-20-37-580.8, DE (Germany), July 29, 1970 (19700729)
FULL TEXT: 363 lines

...a data storage assigned to the respective customer by the control device
corresponding to the **identification** data of the credit **card**. In certain
intervals the owner of the **filling station** can charge the stored
amounts.

A disadvantage of these known arrangements is that the customer...

9/3,K/21 (Item 1 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

0005314518 **IMAGE Available
Derwent Accession: 2003-662853
Fuel dispenser with a human detection and recognition system
Inventor: Ervin Smith, INV
Assignee: Tokheim Corporation (02)
Correspondence Address: RANDALL J. KNUTH P.C., 3510-A STELLHORN ROAD, FORT
WAYNE, IN, 46815-4631, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20030144905	A1	20030731	US 200262067	20020131

Fulltext Word Count: 7135

Summary of the Invention:

...The present invention comprises, in another form thereof, a fuel
dispenser with a human being **detection** and recognition system having a
card reading means. The **fuel dispenser** has a **sensor** means for
detecting the presence of a person at the fuel dispenser. Also, the fuel
...

9/3,K/22 (Item 2 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

4628590 **IMAGE Available
Derwent Accession: 1998-287118
Utility
M/ Testing device and method of use

Inventor: Clark, Alisdair Quentin, Hants, GB
Read, Harry, Surrey, GB
Assignee: BP Oil International Limited (03), London, GB
BP Oil International Ltd GB (Code: 23555)
Examiner: Jacyna, J. Casimer (Art Unit: 371)
Law Firm: Nixon & Vanderhye

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 6341629	A	20020129	US 99301606	19990429
Continuation	Pending			WO 97GB2951	19971028
Priority				GB 9622840	19961101
				GB 974654	19970306
				GB 9714270	19970708

Fulltext Word Count: 15075

Summary of the Invention:

...fuel nozzle removed from a holder e.g. in a fuel "pump" stand in a **filling station** and inserted into a fuel tank of a **vehicle**. The nozzle can carry the **detector** into the second zone...

9/3,K/23 (Item 3 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

4412470 **IMAGE Available

Derwent Accession: 2001-023489

Utility

M/ **Universal pre-paid gasoline and travel card**

Inventor: Wisdom, Juanita J., P.O. Box 1028, Logandale, NV, 89021

Wisdom, Deborah M., 119 Spring Hill Rd., Red Oak, TX, 75154

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Pitts, Harold I. (Art Unit: 286)

Combined Principal Attorneys: Levine, P.C., Harold

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 6145741	A	20001114	US 99300796	19990427

Fulltext Word Count: 2560

Summary of the Invention:

...Accordingly, in accordance with one feature of the invention, a pre-paid **card** is provided with an **identification** indicating its acceptability at substantially all **filling stations** and combination filling stations/convenience stores, thus enhancing safety, convenience and time effectiveness in use...

?

11/3,K/1 (Item 1 from file: 340)
DIALOG(R) File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

10455682 2003-0200108

**E/MASTER DISPENSER DISPLAY WITH MULTIPLE COMMUNICATION INTERFACES ALLOWING
VIRTUAL TRANSACTION TICKET**

Inventors: Malnoe Michel (FR)

Assignee: Unassigned Or Assigned To Individual

Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date
	Al	US 20030200108	20031023	US 2003364538	20030210
Priority Applic:				US 2003364538	20030210
Provisional Applic:				US 60-355873	20020211

Non-exemplary Claims: ...64. A fuel dispenser apparatus, comprising: a
fuel dispenser assembly; an electronic transaction **receipt signal**
generator; a **remote** communications module; and a processor, said
processor being operably coupled to said signal generator and...

11/3,K/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01039476 **Image available**

**MASTER DISPENSER DISPLAY WITH MULTIPLE COMMUNICATION INTERFACES ALLOWING
VIRTUAL TRANSACTION TICKET
AFFICHAGE DISTRIBUTEUR MAITRE A INTERFACES DE COMMUNICATION MULTIPLES A
TICKET DE TRANSACTION VIRTUEL**

Patent Applicant/Assignee:

TOKHEIM CORPORATION, 1600 Wabash Avenue, Fort Wayne, IN 46802, US, US
(Residence), US (Nationality)

Inventor(s):

MALONE Michel, 15, rue des Fleurs, F-14670 Saint-Samson, FR,

Legal Representative:

KNUTH Randall (agent), 3510-A Stellhorn Road, Fort Wayne, IN 46815-4631,
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200369432 A2 20030821 (WO 0369432)

Application: WO 2003US3964 20030211 (PCT/WO US0303964)

Priority Application: US 2002355873 20020211

Designated States: CA

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
SK TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 17477

Fulltext Availability:

Claims

Claim

... to dispense fuel using the
5 first information.

64 A fuel dispenser apparatus, comprising:

a **fuel dispenser** assembly;

an electronic transaction **receipt signal** generator;

a **remote** communications module; and

69

a processor, said processor being operably coupled to

said signal generator...

11/3,K/3 (Item 1 from file: 654)
DIALOG(R) File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

0005409002 **IMAGE Available
Derwent Accession: 2003-671689

Master dispenser display with multiple communication interfaces allowing virtual transaction ticket

Inventor: Malnoe, Michel, INV

Correspondence Address: RANDALL J. KNUTH P.C., 3510-A STELLHORN ROAD, FORT WAYNE, IN, 46815-4631, US

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 20030200108	A1	20031023	US 2003364538	20030210
Provisional				US 60-355873	20020211

Fulltext Word Count: 22968

Exemplary or Independent Claim(s):

...64. A fuel dispenser apparatus, comprising: a **fuel dispenser** assembly; an electronic transaction **receipt signal** generator; a **remote** communications module; and a processor, said processor being operably coupled to said signal generator and...

17/3,K/1 (Item 1 from file: 340)
DIALOG(R) File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

3351554 4119488

E/SYSTEM FOR ENABLING HANDICAPPED INDIVIDUALS TO USE GASOLINE DISPENSERS;
Transponders detect the approach of a handicapped individual resulting
in the generation of control signals for easier operation of dispensers
and the notification of an attendant regarding personal information
relating to the handicapped individual

Inventors: Dickson Timothy Earle (US); Kaehler David Lee (US); McSpadden
John Steven (US)

Assignee: Marconi Commerce Systems Inc

Assignee Code: 56015

	Kind	Publication Number	Date	Application Number	Date
	A	US 6087954	20000711	US 9825095	19980217
Priority Applic:				US 9825095	19980217

Calculated Expiration: 20180217

Non-exemplary Claims: ...defined in claim 6, wherein said predetermined
control signals generated by said computer include a **signal** for
causing said **gasoline dispenser** to generate a **receipt** having a
predetermined increased length so that it is easier for said handicapped
individual to...

17/3,K/2 (Item 2 from file: 340)
DIALOG(R) File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

2953411 3820880

M/PUMP FOR ELECTRICALLY CONDUCTIVE COATING MATERIALS

Inventors: Konieczynski Ronald D (US); Lash Edward (US)

Assignee: Nordson Corp

Assignee Code: 60382

	Kind	Publication Number	Date	Application Number	Date
	A	US 5727931	19980317	US 96633693	19960419
Priority Applic:				US 96633693	19960419

Calculated Expiration: 20160419

Non-exemplary Claims: ...second cavity, said control device being effective
to cause said shuttle to move to said **filling station** in response to
receipt of said signal...

17/3,K/3 (Item 3 from file: 340)
DIALOG(R) File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

1462768 2320828

M/METHOD AND APPARATUS FOR HANDLING AND FILLING BAGS OR ENVELOPES

Inventors: COLE DENIS B (GB); TRETHEWY DEREK C (GB)

Assignee: HAZELWOOD ENTERPRISES LTD GB

	Kind	Publication Number	Date	Application Number	Date
--	------	-----------------------	------	-----------------------	------

A US 4393640 19830719 US 80182182 19800828
(Cited in 009 later patents)

Priority Applic: US 80182182 19800828

Calculated Expiration: 20000828

Exemplary Claim: ...along the tear-line separating said endmost and said next adjacent containers, to leave said **filling station** free for **receipt** of said next adjacent container.

17/3,K/4 (Item 4 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

1138978 1815152

E/ ACCOUNTING AND CASH-TRANSFER SYSTEM FOR FILLING STATIONS HAVING METERED PUMPS

Inventors: PICHLER PETER (N/A); RANNER DIETRICH (N/A)

Assignee: ARAL AUSTRIA GESELLSCHAFT M B H

	Kind	Publication Number	Date	Application Number	Date
	A	US 4087858	19780502	US 76749753	19761213
		(Cited in 007 later patents)			
Cont.-in-part of:		ABANDONED		US 76732395	19761014
Priority Applic:				AT 757837	19751014

Calculated Expiration: 19950502

ACCOUNTING AND CASH-TRANSFER SYSTEM FOR FILLING STATIONS HAVING METERED PUMPS

17/3,K/5 (Item 5 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2004 IFI/CLAIMS(R). All rts. reserv.

0981399 1600944

E/AUTOMATED FUEL DISPENSER

Inventors: COTHRAN MARTIN D (N/A); GENTILE FRED J (N/A)

Assignee: DOCUTEL CORP.

Assignee Code: 24298

	Kind	Publication Number	Date	Application Number	Date
	A	US 3931497	19760106	US 73408092	19731019
		(Cited in 046 later patents)			
Priority Applic:				US 73408092	19731019

Calculated Expiration: 19930106

Non-exemplary Claims: ...dispensing system as set forth in claim 15 including means for generating a currency refund **receipt** when the currency total **signal** exceeds the value of **fuel dispensed** from a dispensing terminal...

...fuel dispensing system as set forth in claim 17 including means for generating a refund **receipt** when the value **signal** exceeds the value of **fuel dispensed** from a terminal in a dispensing transaction

17/3,K/6 (Item 1 from file: 348)

01082977

Method for identifying a client receiving a product from a product deliverer by means of a terminal and for identifying the product deliverer, terminal and central unit

Verfahren zur Identifikation von Waren von einem Warenanbieter entgegennehmenden Warenabnehmers mit einem Endgerät und zur Identifikation des Warenanbieters, Endgerät und Zentrale

Methode pour l'identification d'un client recevant un produit d'un fournisseur de produit a l'aide d'un terminal et pour l'identification du fournisseur du produit, ainsi qu'un terminal et une unite centrale

PATENT ASSIGNEE:

Vodafone Holding GmbH, (3934152), Mannesmannufer 2, 40213 Dusseldorf, (DE), (Applicant designated States: all)

INVENTOR:

Siebert, Claus, Dipl.-Ing, Efeuweg 30, 91126 Schwabach, (DE)

LEGAL REPRESENTATIVE:

Henze, Lothar, Dipl.-Ing. et al (64552), Meissner & Meissner, Patentanwaltsburo, Hohenzollerndamm 89, 14199 Berlin, (DE)

PATENT (CC, No, Kind, Date): EP 952561 A2 991027 (Basic)
EP 952561 A3 031203

APPLICATION (CC, No, Date): EP 99250115 990413;

PRIORITY (CC, No, Date): DE 19818911 980423

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-007/02; G07F-013/02

TRANSLATED ABSTRACT WORD COUNT: 129

ABSTRACT WORD COUNT: 104

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	9943	776
SPEC A	(German)	9943	2103
Total word count - document A			2879
Total word count - document B			0
Total word count - documents A + B			2879

...ABSTRACT receiving goods from a supplier enables supplier and buyer of goods to be identified for **accounting** purposes very simply and efficiently, e.g. for **filling stations**

The method involves using a terminal (8) for the identification of the supplier, whereby identification...

17/3,K/7 (Item 2 from file: 348)

00875941

Pump for electrically conductive coating materials

Pumpe fur elektrisch leitende Beschichtungsmaterialien

Pompe pour materiaux de revetement conducteur

PATENT ASSIGNEE:

NORDSON CORPORATION, (402644), 28601 Clemens Road, Westlake, Ohio 44145-1119, (US), (Proprietor designated states: all)

INVENTOR:

Lash, Edward, 11846 Spencer Mills, Spencer, Ohio 44275, (US)

Konieczynski, Ronald D., 3947 West Sprague Road, North Royalton, Ohio 44133, (US)

LEGAL REPRESENTATIVE:

Findlay, Alice Rosemary et al (69451), Lloyd Wise Commonwealth House,
1-19 New Oxford Street, London WC1A 1LW, (GB)

PATENT (CC, No, Kind, Date): EP 801994 A2 971022 (Basic)
EP 801994 A3 990310
EP 801994 B1 031210

APPLICATION (CC, No, Date): EP 97302634 970417;

PRIORITY (CC, No, Date): US 633693 960419

DESIGNATED STATES: DE; FR; IT

INTERNATIONAL PATENT CLASS: B05B-005/16; F04B-009/133

ABSTRACT WORD COUNT: 117

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199710W3	884
CLAIMS B	(English)	200350	898
CLAIMS B	(German)	200350	867
CLAIMS B	(French)	200350	1023
SPEC A	(English)	199710W3	5834
SPEC B	(English)	200350	5932
Total word count - document A			6719
Total word count - document B			8720
Total word count - documents A + B			15439

...CLAIMS control device, the control device being effective to cause the shuttle to move to the **filling station** in response to **receipt** of said signal from the sensor on the first end of the housing and to ...

...CLAIMS 128), the control device being effective to cause the shuttle (116) to move to the **filling station** (110) in response to **receipt** of said signal from the sensor (54) on the first end of the housing and...

17/3,K/8 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00346278 **Image available**

UNATTENDED AUTOMATED SYSTEM FOR SELLING AND DISPENSING

SYSTEME DE VENTE ET DE DISTRIBUTION AUTOMATISE SANS PERSONNEL

Patent Applicant/Assignee:

TASK TECHNOLOGY USA INC,

Inventor(s):

RAMSEY Furman D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9628791 A1 19960919

Application: WO 96US3397 19960313 (PCT/WO US9603397)

Priority Application: US 95403220 19950313

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE

CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML

MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 3869

Fulltext Availability:

Claims

Claim

... fuel dispensing means to enable
dispensing of said preselected quantity of motor
fuel, generating a **receipt** reflecting such a purchase
and deactivating said **fuel dispensing** means.

2 The **unattended automated** service station as defined
in claim 1, further including change dispensing means
for dispensing change...

17/3,K/9 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv..

014783796 **Image available**
WPI Acc No: 2002-604502/200265
XRPX Acc No: N02-479551

**Refueling system in filling station, issues receipt describing
balance amount automatically, when amount paid by customer is larger than
refueling amount**

Patent Assignee: TOKICO LTD (TOJC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002205799	A	20020723	JP 2000402131	A	20001228	200265 B

Priority Applications (No Type Date): JP 2000402131 A 20001228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002205799	A		7	B67D-005/24	

**Refueling system in filling station, issues receipt describing
balance amount automatically, when amount paid by customer is larger than
refueling amount**

17/3,K/10 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv..

014315939 **Image available**
WPI Acc No: 2002-136641/200218
XRPX Acc No: N02-103674

**Refueling system for self-service filling station has receipt
issuing unit that publishes receipt which includes amount of change
returned**

Patent Assignee: TOKICO LTD (TOJC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002002895	A	20020109	JP 2000190158	A	20000623	200218 B

Priority Applications (No Type Date): JP 2000190158 A 20000623

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002002895	A		9	B67D-005/24	

**Refueling system for self-service filling station has receipt
issuing unit that publishes receipt which includes amount of change
returned**

17/3,K/11 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv..

012806346 **Image available**

WPI Acc No: 1999-612576/199953

XRPX Acc No: N99-451541

Method of identifying a buyer receiving goods from a supplier enables supplier and buyer of goods to be identified for accounting purposes very simply and efficiently, e.g. for filling stations

Patent Assignee: MANNESMANN AG (MANS)

Inventor: SIEGERT C

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 952561	A2	19991027	EP 99250115	A	19990413	199953 B
DE 19818911	A1	19991104	DE 1018911	A	19980423	199953

Priority Applications (No Type Date): DE 1018911 A 19980423

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 952561	A2	G	8	G07F-007/02	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

DE 19818911	A1	G06F-017/60
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... **receiving goods from a supplier enables supplier and buyer of goods to be identified for accounting purposes very simply and efficiently, e.g. for filling stations**

17/3,K/12 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

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012733304 **Image available**

WPI Acc No: 1999-539421/199945

XRPX Acc No: N99-399677

Receipt presenter for dispenser in unmanned station, kiosk, automated teller machine, fuel dispensing pump

Patent Assignee: BDT PROD INC (BDTB-N)

Inventor: KLEIN G F; WEIST G R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5954438	A	19990921	US 97960659	A	19971030	199945 B

Priority Applications (No Type Date): US 97960659 A 19971030

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5954438	A	7	B41J-011/26		
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Receipt presenter for dispenser in unmanned station, kiosk, automated teller machine, fuel dispensing pump

Abstract (Basic):

... **For receipt printer in kiosk, automated teller machine, fuel dispenser .**

17/3,K/13 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

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001255678

WPI Acc No: 1975-D9493W/197515

Petrol filling station accounting system - dispensed amounts and value dat signals give indication via computer

Patent Assignee: AVERY-HARDOLL LTD (AVER-N)
Number of Countries: 004 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2445740	A	19750403				197515 B
SE 7411967	A	19750421				197520
FR 2244705	A	19750523				197526
GB 1485264	A	19770908				197736

Priority Applications (No Type Date): GB 7344950 A 19730925

Petrol filling station accounting **system...**

17/3,K/14 (Item 1 from file: 652)
DIALOG(R)File 652:US Patents Fulltext
(c) format only 2002 The Dialog Corp. All rts. reserv.

00602680

Utility
CAN CHANGING IN STRAND MATERIAL HANDLING

PATENT NO.: 3,698,041
ISSUED: October 17, 1972 (19721017)
INVENTOR(s): Hertzsch, Hans B., Enschede, NL (Netherlands)
ASSIGNEE(s): Deutsche Spinnereimaschinenbau Ingolstadt Niederlassung der
Schubert & Salzer Maschinenfabrik Aktiengesellschaft, (A
Non-U.S. Company or Corporation), Ingolstadt/Donau, DE
(Germany)
APPL. NO.: 4-802,694
FILED: February 26, 1969 (19690226)
DISCLAIMER: May 13, 1986 (19860513)
PRIORITY: D-38105, DE (Germany), February 9, 1962 (19620209)
D-40673, DE (Germany), February 12, 1963 (19630212)

This application is a continuation of Ser. No. 569,556, filed July 26, 1966, now U.S. Pat. No. 3,443,287 which in turn is a continuation-in-part of application Ser. No. 256,220, filed Feb. 1, 1963, now abandoned.
FULL TEXT: 860 lines

... be moved from its first position to its second position to provide platform area for **receipt** of filled cans from the **filling station**. Control means are provided so that the described movement of the cable drive occurs in...

17/3,K/15 (Item 1 from file: 654)
DIALOG(R)File 654:US Pat.Full.
(c) Format only 2004 The Dialog Corp. All rts. reserv.

4348863 **IMAGE Available
Derwent Accession: 2000-564368

Utility
REASSIGNED

E/ **System for enabling handicapped individuals to use gasoline dispensers**

Inventor: McSpadden, John Steven, Greensboro, NC
Kaehler, David Lee, Greensboro, NC
Dickson, Timothy Earle, Greensboro, NC
Assignee: Marconi Commerce Systems Inc. (02), Greensboro, NC
Marconi Commerce Systems Inc (Code: 56015)
Examiner: Zimmerman, Brian (Art Unit: 275)
Assistant Examiner: DaLencourt, Yves
Law Firm: Coats & Bennett, P.L.L.C.

Publication

Application Filing

	Number	Kind	Date	Number	Date
	-----	--	-----	-----	-----
Main Patent	US 6087954	A	20000711	US 9825095	19980217

Fulltext Word Count: 3848

Non-exemplary or Dependent Claim(s):

...defined in claim 6, wherein said predetermined control signals generated by said computer include a **signal** for causing said **gasoline dispenser** to generate a **receipt** having a predetermined increased length so that it is easier for said handicapped individual to...

17/3,K/16 (Item 2 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

4086345 **IMAGE Available

Derwent Accession: 1999-080049

Utility

M/ Method of determining the composition of fuel in a flexible fueled vehicle with an O2 sensor

Inventor: Seitz, Gary L., Chelsea, MI

Cheng, Yi, Jackson, MI

Hope, Mark E., Ann Arbor, MI

Huff, Shean, Ann Arbor, MI

Joyce, Mary, Farmington Hills, MI

Kennie, Jerry, Canton, MI

Krozek, Dennis A., Novi, MI

Nankee, II, Robert J., Canton, MI

Assignee: Chrysler Corporation (02), Auburn Hills, MI

Chrysler Corp (Code: 17368)

Examiner: Solis, Erick R. (Art Unit: 377)

Combined Principal Attorneys: Calcaterra, Mark P.

	Publication	Kind	Date	Application	Filing
	Number	--	-----	Number	Date
	-----	--	-----	-----	-----
Main Patent	US 5850824	A	19981222	US 97959797	19971029

Fulltext Word Count: 2666

Description of the Invention:

...sensor feedback system prior to reaching closed loop operating conditions. The methodology accounts for oxygen **sensor** voltage trends after a tank **fuel fill** but before the oxygen **sensor** is ready for closed loop operation. By **accounting** for the oxygen sensor voltage trends, engine fueling requirements may be adjusted during open loop...

17/3,K/17 (Item 3 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

3954892 **IMAGE Available

Derwent Accession: 1997-505289

Utility

M/ Pump for electrically conductive coating materials

Inventor: Lash, Edward, Spencer, OH

Konieczynski, Ronald D., North Royalton, OH

Assignee: Nordson Corporation (02), Westlake, OH

Nordson Corp (Code: 60382)

Examiner: Gluck, Richard E. (Art Unit: 343)

Law Firm: Holland & Knight LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5727931	A	19980317	US 96633693	19960419

Fulltext Word Count: 8564

Non-exemplary or Dependent Claim(s):

...second cavity, said control device being effective to cause said shuttle to move to said **filling station** in response to **receipt** of said signal...

17/3,K/18 (Item 4 from file: 654)

DIALOG(R) File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

2657405 **IMAGE Available

Derwent Accession: 1982-L7808E

Utility

EXPIRED

CE/ **Memory device**

Inventor: Newport, Derek J., Newcastle, GB England

Hood, Christopher, Reading, GB England

Assignee: Johnson Matthey Public Limited Company (03), London, GB England
JOHNSON MATTHEY PLC GB (Code: 07915)

Examiner: Robinson, Gene Z. (Art Unit: 261)

Assistant Examiner: Lev, Robert

Law Firm: Cushman, Darby & Cushman

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4544834	A	19851001	US 84601107	19840418
Continuation	Pending			US 82353490	19820302
Priority				GB 816820	19810304

Fulltext Word Count: 4363

Summary of the Invention:

...file stored at the bank or credit organisation as well as the oil company's **accounting** centres for the **filling station** concerned are updated...

17/3,K/19 (Item 5 from file: 654)

DIALOG(R) File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

2494180 **IMAGE Available

Derwent Accession: 1980-L6722C

Utility

M/ **Method and apparatus for handling and filling bags or envelopes**

Inventor: Cole, Denis B., Honiton, GB England

Trethewy, Derek C., Esher, GB England

Assignee: Hazelwood Enterprises Limited (03), Alderney, GB Channel Islands
HAZELWOOD ENTERPRISES LTD GB

Examiner: Coan, James F. (Art Unit: 325)

Law Firm: Sughrue, Mion, Zinn, Macpeak & Seas

Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent US 4393640 A 19830719 US 80182182 19800828

Fulltext Word Count: 4596

Exemplary or Independent Claim(s):

...along the tear-line separating said endmost and said next adjacent containers, to leave said **filling station** free for **receipt** of said next adjacent container.

17/3,K/20 (Item 6 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

2283190 **IMAGE Available

Derwent Accession: 1980-A8968C

Utility

REASSIGNED

M/ **Credit card automated system for vehicle service stations**

Inventor: Wostl, Wolfgang J., South Holland, IL

Segal, Jack S., Park Forest, IL

Roach, Thomas L., Dyer, IN

Moore, Robert A., Park Forest, IL

Assignee: Atlantic Richfield Company (02), Philadelphia, PA

ATLANTIC RICHFIELD CO (Code: 06096)

Examiner: Kilgore, Robert M. (Art Unit: 235)

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 4199100	A	19800422	US 78913917	19780608

Fulltext Word Count: 7060

Non-exemplary or Dependent Claim(s):

...said processor control means accumulates first coded data signals according to a particular type of **fuel dispensed** for producing fuel type data **signals** representative of an **accounting** total of the value of total fuel of the particular type of fuel dispensed over ...

17/3,K/21 (Item 7 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

2164041 **IMAGE Available

Derwent Accession: 1977-B4875Y

Utility

E/ **Accounting and cash-transfer system for filling stations having metered pumps**

Inventor: Pichler, Peter, Steiermark, AT

Ranner, Dietrich, Salzburg, AT

Assignee: Aral Austria Gesellschaft m.b.H. (03), Vienna, AT

ARAL AUSTRIA GESELLSCHAFT M B H

Examiner: Wise, Edward J. (Art Unit: 236)

Combined Principal Attorneys: Ross, Karl F.

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 4087858	A	19780502	US 76749753	19761213
CIP	Abandoned			US 76732395	19761014

Priority

AT 757837

19751014

Fulltext Word Count: 6574

Accounting and cash-transfer system for filling stations having metered pumps

17/3,K/22 (Item 8 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2004 The Dialog Corp. All rts. reserv.

2001231 **IMAGE Available

Derwent Accession: 1976-A6600X

Utility

E/ Automated fuel dispenser

Inventor: Gentile, Fred J., Dallas, TX

Cothran, Martin D., Eules, TX

Assignee: Docutel Corporation (02), Dallas, TX

DOCUTEL CORP. (Code: 24298)

Examiner: Cook, Daryl W. (Art Unit: 235)

Law Firm: Richards, Harris & Medlock

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 3931497	A	19760106	US 73408092	19731019

Fulltext Word Count: 10625

Non-exemplary or Dependent Claim(s):

...dispensing system as set forth in claim 15 including means for generating a currency refund **receipt** when the currency total **signal** exceeds the value of **fuel dispensed** from a dispensing terminal...

...fuel dispensing system as set forth in claim 17 including means for generating a refund **receipt** when the value **signal** exceeds the value of **fuel dispensed** from a terminal in a dispensing transaction...

17/3,K/23 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

0635716

SAUDIS SNAP UP POLISH DISTRIBUTOR

Platts Oilgram News January 13, 1995; Pg 2; Vol. 73, No. 9

Journal Code: PON

ISSN: 0163-1284

Dateline: Helsinki

Word Count: 207 *Full text available in Formats 5, 7 and 9*

BYLINE:

Gerard O'Dwyer

TEXT:

... to modernize Va Po's facilities in Poland, from storage terminals to transport systems and **filling stations** .

OKP is Sweden's largest oil company, **accounting** for two-thirds of the country's refining capacity and one-quarter of capacity in...

?

STN Search

=> d hist

(FILE 'HOME' ENTERED AT 08:44:45 ON 25 FEB 2004)

FILE 'CONFSCI' ENTERED AT 08:44:51 ON 25 FEB 2004

L1 3 S (GAS OR GASOLINE OR FUEL OR PETROLEUM OR PETROL) () (DISPENS? O

STN Search

L1 ANSWER 1 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN
 AN 97:12029 CONFSCI
 DN 97-024007
 TI New method for industrial enterprises and **filling stations** surface wastewater treatment
 AU Paldiaeva, N.P.; Malinina, I.V.; Vaisfeld, B.A.; Palgunov, P.P.; Variushina, G.V.
 CS MOSVODOCANALNIIPROJECT Moscow Inst. for Water & Wastewater Res. & Design, Moscow, Russia
 SO SIBICO International, Ltd., PO Box 173, 107078, Moscow, Russia, Abstracts available.
 Meeting Info.: 963 5009: Second International Congress "Water: Ecology and Technology" (9635009). Moscow (Russia). 17-21 Sep 1996. Berliner Wasser Betriebe (Germany); US Environment Protection Agency; Dow Chemical Company (Germany); TESIS Program, European Union.
 DT Conference
 FS DCCP
 LA English

L1 ANSWER 2 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN
 AN 96:6969 CONFSCI
 DN 96-018842
 TI Cytogenetic monitoring of **filling station** attendants
 AU Carere, A.; Crebelli, R.; Iavarone, I.; Lagorio, S.; Leopardi, P.; Marcon, F.; Palitti, F.; Tanzarella, C.; Zijno, A.
 CS Ist. Superiore Sanita, Rome, Italy
 SO Williams & Wilkins, 351 West Camden Street, Baltimore, MD 21201-2436, Abstracts available. Poster Paper No. P037.
 Meeting Info.: 953 0577: The Annual Conference of the International Society for Environmental Epidemiology and the International Society for Exposure Analysis (9530577). Noordwijkerhout (The Netherlands). 30 Aug-1 Sep 1995. World Health Organisation; Health Effects Institute; US Environmental Protection Agency; The Electric Power Research Institute; The Dutch Ministry of the Environment; The University of Wageningen; The European Union.
 DT Conference
 FS DCCP
 LA UNAVAILABLE

L1 ANSWER 3 OF 3 CONFSCI COPYRIGHT 2004 CSA on STN
 AN 73:24888 CONFSCI
 DN 73073861
 TI Sequencing control for ore bucket **filling stations**.
 AU Kutcher, H...
 SO Preprint volume, 20 Jun 73; approx. \$40.00 (specify No. 73CHO 750-0 CSS): Order Dept., Institute of Electrical and Electronics Engineers, 345 East 47 St., New York, N. Y. 10017..
 Meeting Info.: 1973 Joint Automatic Control Conference (A732013). Columbus, Ohio. 20-22 Jun 73. American Automatic Control Council.
 DT Conference Article
 FS DCCP
 LA UNAVAILABLE